

**ABSTRACT OF THE INVENTION**

5 A treatment for particulate inorganic solids is provided. This treatment, which  
uses certain organophosphinic compounds, imparts improved physical and chemical  
qualities including lacing resistance, improved dispersion and decreased chemical  
reactivity when these treated particulate inorganic solids are incorporated into  
polymeric matrices. The addition of the organophosphinic compounds of the present  
invention may flexibly be incorporated into known processes at varying points, and  
10 are preferably added downstream of any filtering steps or to a dry particulate  
inorganic solid.